

NWS FORM E-5

(11-88)

(PRES. BY WSOM E-41)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH

November

YEAR

2000

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE **Michael Decker****In Charge of HSA**DATE **December 11, 2000**

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

November was a wet month over much of the San Angelo Hydrologic Service Area. Grounds were already saturated from an usually wet October.

Heavy rains, beginning on the afternoon of the 2nd and continuing into the 3rd, produced widespread rainfall amounts of 5 to 6 inches and local amounts of 7 to 8 inches...to a broad area covering McCulloch, Menard, Mason, Kimble, and San Saba counties. Several river flood warnings were issued for the Colorado, San Saba, and Llano Rivers. One death was attributed to flooding in Mason County: a hunter drove into a flooded low water crossing the night of the 3rd, and found on the morning of the 4th. Moderate flooding occurred along the San Saba river at San Saba, as the river crested just under 30 feet on the 4th. Major flooding was felt along the Llano river near Junction and near Mason on the 3rd and 4th. The river crested at these points at 35.8 feet and 32 feet respectively, nearly 20 feet above their flood stages. On the South Llano River on the 3rd, the cooperative observer at Telegraph estimated the river at 25 feet deep and one half mile across. The San Saba River at Menard reached its flood stage of 18 feet on the 3rd, producing damage at the Menard City Park due to debris. Damage also occurred to the city sewage plant. Heavy rains also flooded several low lying houses with several inches of water. A river flood watch was issued prior to the flooding events, on the morning of the 2nd.

Another storm system on the 5th produced an additional 2 to 3 inches...again over Kimble, Mason, McCulloch, and San Saba counties. This produced minor overbank flooding on the San Saba River at San Saba on the 6th and 7th.

Lesser, but significant amounts of precipitation fell over the rest of the HSA during November. Perhaps the most memorial was a 3 to 6 inch snowfall that fell along and west of an Sonora...San Angelo...Abilene...Haskell line on the 8th. This snowfall, along with additional rainfall events on the 15th through 18th, and 23rd through 24th, allowed for soil moisture gains for the HSA. Increases in reservoir storage were incurred in reservoirs in eastern sections of the HSA, but little runoff occurred in western sections, especially in the Concho Valley.

Twin Buttes, O.C. Fisher, and E.V. Spence reservoir conservation storage remained low at 5 percent, 9 percent, and 18 percent, respectively since the last of October. Lake Brownwood increased from 59 percent to 76 percent. O. H. Ivie reservoir rose from 53 percent, to 58 percent. Ft. Phantom Hill increased from 52 percent to 58 percent.

Monthly totals from ASOS and Cooperative rainfall stations in the San Angelo HSA:

Abilene ASOS	2.92	Junction 4SSW	9.50	San Saba	7.40
Anson	3.21	Lake Abilene	3.22	Silver Valley	4.40
Ballinger	5.01	Lawn	3.03	Sutton	4.52
Brady	10.82	Mason	10.19	Stamford	2.48
Brownwood	5.00	Menard	7.62	Sterling City	2.48
Burkett	5.82	Oak Creek Reserv.	1.82	San Angelo WFO	3.08
Concho Park	5.75	O.C. Fisher	2.86	Taylor Ranch	8.19
12N.Eldorado	3.11	Ozona	2.49	Junction ASOS	8.80
Ft Griffin	4.25	Paint Rock	5.05	Telegraph	12.05
Ft Mckavett	10.13	Richland Springs	7.62	Throckmorton	4.93
Hamlin	3.45	Robert Lee	2.38		
Haskell	3.74	Roscoe	2.50		
Humble Pump	5.66	Rotan	2.27		

Some of the peak flows on Rivers, courtesy of the USGS office in San Angelo are:

River	Peak Flows cuft/s	Date/Time
San Saba River at San Saba	46,000	11/4 115 AM
San Saba River at Menard	47,000	11/3 200 PM
Llano River near Junction	158,000	11/3 730 PM
Llano River near Mason	198,000	11/4 300 PM
Colorado River near San Saba	58,300	11/4 530 PM

FLW 9
 FLS 12
 RVS 5
 RVA 30